

Tami Lasseter Clare

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

529
citations

933447

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h-index

839539

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19
all docs

19
docs citations

19
times ranked

817
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized micro-sampling and computational analysis for SERS identification of red organic dyes on prints. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120857.	3.9	5
2	A multi-analytical approach to identify red colorants on woodblock prints attributed to Suzuki Harunobu. <i>Heritage Science</i> , 2022, 10, .	2.3	3
3	Rapid quantitative spectroelectrochemical responses of hydrogel-based sensors for the in situ evaluation of corrosion inhibitors on steel. <i>Sensors and Actuators B: Chemical</i> , 2019, 289, 175-181.	7.8	2
4	Using Quenching To Detect Corrosion on Sculptural Metalwork: A Real-World Application of Fluorescence Spectroscopy. <i>Journal of Chemical Education</i> , 2018, 95, 858-863.	2.3	3
5	Measuring Sheet Resistances of Dielectrics Using Co-planar Hydrogel Electrochemical Cells with Practical Applications to Characterize the Protective Quality of Paints on Sculptures. <i>Electroanalysis</i> , 2017, 29, 1377-1387.	2.9	11
6	Assessing the Protective Quality of Wax Coatings on Bronze Sculptures Using Hydrogel Patches in Impedance Measurements. <i>Coatings</i> , 2016, 6, 45.	2.6	6
7	Minimizing Corrosion of Outdoor Metalworks Using Dispersed Chemically Stabilized Nanoclays in Polyvinylidene Fluoride Latex Coatings. <i>ACS Omega</i> , 2016, 1, 138-147.	3.5	5
8	ON THE PROTECTIVE NATURE OF WAX COATINGS FOR CULTURALLY SIGNIFICANT OUTDOOR METALWORKS: MICROSTRUCTURAL FLAWS, OXIDATIVE CHANGES, AND BARRIER PROPERTIES. <i>Journal of the American Institute for Conservation</i> , 2015, 54, 181-201.	0.5	16
9	Characterization of High Performance Protective Coatings for Use on Culturally Significant Works. , 2015, , 641-671.		5
10	Synthesis and Characterization of Flexible Hydrogel Electrodes for Electrochemical Impedance Measurements of Protective Coatings on Metal Sculptures. <i>Electroanalysis</i> , 2014, 26, 1059-1067.	2.9	27
11	Electrochemical Identification and Categorization of the Protective Quality of Intact and Damaged Coatings. <i>Electroanalysis</i> , 2014, 26, 1935-1944.	2.9	6
12	Characterizing and improving performance properties of thin solid films produced by weatherable water-borne colloidal suspensions on bronze substrates. <i>Progress in Organic Coatings</i> , 2012, 75, 215-223.	3.9	19
13	Surfactant-free hybridization of transition metal oxidenanoparticles with conductive graphene for high-performance supercapacitor. <i>Green Chemistry</i> , 2012, 14, 371-377.	9.0	81
14	Understanding the differences in film formation mechanisms of two comparable solvent based and water-borne coatings on bronze substrates by electrochemical impedance spectroscopy. <i>Electrochimica Acta</i> , 2012, 62, 199-206.	5.2	26
15	Surface functionalization of thin-film diamond for highly stable and selective biological interfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 983-988.	7.1	87
16	Chemoselective Nanowire Fuses: Chemically Induced Cleavage and Electrical Detection of Carbon Nanofiber Bridges. <i>Small</i> , 2008, 4, 795-801.	10.0	5
17	Electrical characterization of nanowire bridges incorporating biomolecular recognition elements. <i>Nanotechnology</i> , 2005, 16, 2846-2851.	2.6	19
18	Functional Monolayers for Improved Resistance to Protein Adsorption: Oligo(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td	3.5	110

#	ARTICLE	IF	CITATIONS
19	Covalent Functionalization for Biomolecular Recognition on Vertically Aligned Carbon Nanofibers. Chemistry of Materials, 2005, 17, 4971-4978.	6.7	93